

Special Issue

Advanced Research on Clean Energy and Electricity Market

Message from the Guest Editors

Worldwide, clean energy resources such as wind power, solar power, and hydropower are being widely exploited and integrated into power systems to alleviate and overcome the severe energy crisis, climate warming and environmental pollution. However, managing and dispatching such energy systems is greatly challenging. There are strong needs for the generation scheduling, power prediction, coordinated operations, market bidding, market clearing, and decision-making analysis of large-scale clean energy systems. This Special Issue aims to gather advanced research on clean energy and electricity market from either academia or industry. Potential topics include—but are not limited to—the following:

- Coordinated operations of multi-type clean power plants;
- Optimization algorithms for generation scheduling;
- Power prediction of new energy power plants;
- Uncertainty analysis of power generation
- Market bidding of clean power plants;
- Market clearing for clean energy systems;
- Decision support systems for managing and operating clean energy systems.

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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